

1/5

Figure 1:

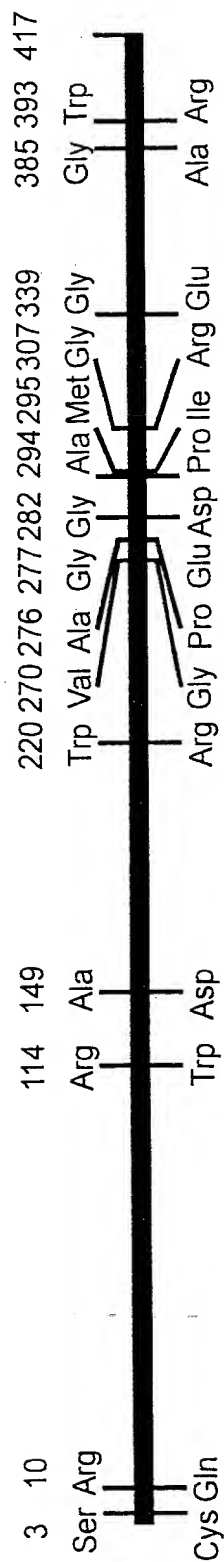


Figure 2.

1	20	40	60
ATG AGC TCT AAG TAC CCG CGG TCT GTC CGG CGC TGC CTG CCC CTC TGG GCC CTA ACA CTG			
Met Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Trp Ala Leu Thr Leu			
1	10		20
	80	100	120
GAA GCA GCT CTC ATT CTC CTC TTC TAT TTT TTT ACC CAC TAT GAC GCT TCC TTA GAG GAT			
Glu Ala Ala Leu Ile Leu Leu Phe Tyr Phe Phe Thr His Tyr Asp Ala Ser Leu Glu Asp			
	30		40
	140	160	180
CAA AAG GGG CTC GTG GCA TCC TAT CAA GTT GGC CAA GAT CTG ACC GTG ATG GCG GCC ATT			
Gln Lys Gly Leu Val Ala Ser Tyr Gln Val Gly Gln Asp Leu Thr Val Met Ala Ala Ile			
	50		60
	200	220	240
GGC TTG GGC TTC CTC ACC TCG AGT TTC CGG AGA CAC AGC TGG AGC AGT GTG GCC TTC AAC			
Gly Leu Gly Phe Leu Thr Ser Ser Phe Arg Arg His Ser Trp Ser Ser Val Ala Phe Asn			
	70		80
	260	280	300
CTC TTC ATG CTG GCG CTT GGT GTG CAG TGG GCA ATC CTG CTG GAC GGC TTC CTG AGC CAG			
Leu Phe Met Leu Ala Leu Gly Val Gln Trp Ala Ile Leu Leu Asp Gly Phe Leu Ser Gln			
	90		100
	320	340	360
TTC CCT TCT GGG AAG GTG GTC ATC ACA CTG TTC AGT ATT CGG CTG GCC ACC ATG AGT GCT			
Phe Pro Ser Gly Lys Val Val Ile Thr Leu Phe Ser Ile Arg Leu Ala Thr Met Ser Ala			
	110		120
	380	400	420
TTG TCG GTG CTG ATC TCA GTG GAT GCT GTC TTG GGG AAG GTC AAC TTG GCG CAG TTG GTG			
Leu Ser Val Leu Ile Ser Val Asp Ala Val Leu Gly Lys Val Asn Leu Ala Gln Leu Val			
	130		140
	440	460	480
GTG ATG GTG CTG GTG GAG GTG ACA GCT TTA GGC AAC CTG AGG ATG GTC ATC AGT AAT ATC			
Val Met Val Leu Val Glu Val Thr Ala Leu Gly Asn Leu Arg Met Val Ile Ser Asn Ile			
	150		160
	500	520	540
TTC AAC ACA GAC TAC CAC ATG AAC ATG ATG CAC ATC TAC GTG TTC GCA GCC TAT TTT GGG			
Phe Asn Thr Asp Tyr His Met Asn Met Met His Ile Tyr Val Phe Ala Ala Tyr Phe Gly			
	170		180
	560	580	600
CTG TCT GTG GCC TGG TGC CTG CCA AAG CCT CTA CCC GAG GGA ACG GAG GAT AAA GAT CAG			
Leu Ser Val Ala Trp Cys Leu Pro Lys Pro Leu Pro Glu Gly Thr Glu Asp Lys Asp Gln			
	190		200
	620	640	660
ACA GCA ACG ATA CCC AGT TTG TCT GCC ATG CTG GGC GCC CTC TTC TTG TGG ATG TTC TGG			
Thr Ala Thr Ile Pro Ser Leu Ser Ala Met Leu Gly Ala Leu Phe Leu Trp Met Phe Trp			
	210		220

3/5

Figure 2. Continued.

CCA AGT TTC AAC TCT GCT CTG CTG AGA AGT CCA ATC GAA AGG AAG AAT GCC GTG TTC AAC	680	700	720
Pro Ser Phe Asn Ser Ala Leu Leu Arg Ser Pro Ile Glu Arg Lys Asn Ala Val Phe Asn			
	230		240
ACC TAC TAT GCT GTA GCA GTC AGC GTG GTG ACA GCC ATC TCA GGG TCA TCC TTG GCT CAC	740	760	780
Thr Tyr Tyr Ala Val Ala Val Ser Val Val Thr Ala Ile Ser Gly Ser Ser Leu Ala His			
	250		260
CCC CAA GGG AAG ATC AGC AAG ACT TAT GTG CAC AGT GCG GTG TTG GCA GGA GGC GTG GCT	800	820	840
Pro Gln Gly Lys Ile Ser Lys Thr Tyr Val His Ser Ala Val Leu Ala Gly Gly Val Ala			
	270		280
GTG GGT ACC TCG TGT CAC CTG ATC CCT TCT CCG TGG CTT GCC ATG GTG CTG GGT CTT GTG	860	880	900
Val Gly Thr Ser Cys His Leu Ile Pro Ser Pro Trp Leu Ala Met Val Leu Gly Leu Val			
	290		300
GCT GGG CTG ATC TCC GTC GGG GGA GCC AAG TAC CTG CCG GGG TGT TGT AAC CGA GTG CTG	920	940	960
Ala Gly Leu Ile Ser Val Gly Gly Ala Lys Tyr Leu Pro Gly Cys Cys Asn Arg Val Leu			
	310		320
GGG ATT CCC CAC AGC TCC ATC ATG GGC TAC AAC TTC AGC TTG CTG GGT CTG CTT GGA GAG	980	1000	1020
Gly Ile Pro His Ser Ser Ile Met Gly Tyr Asn Phe Ser Leu Leu Gly Leu Leu Gly Glu			
	330		340
ATC ATC TAC ATT GTG CTG CTG GTG CTT GAT ACC GTC GGA GCC GGC AAT GGC ATG ATT GGC	1040	1060	1080
Ile Ile Tyr Ile Val Leu Leu Val Leu Asp Thr Val Gly Ala Gly Asn Gly Met Ile Gly			
	350		360
TTC CAG GTC CTC CTC AGC ATT GGG GAA CTC AGC TTG GCC ATC GTG ATA GCT CTC ACG TCT	1100	1120	1140
Phe Gln Val Leu Leu Ser Ile Gly Glu Leu Ser Leu Ala Ile Val Ile Ala Leu Thr Ser			
	370		380
GGT CTC CTG ACA GGT TTG CTC CTA AAT CTT AAA ATA TGG AAA GCA CCT CAT GAG GCT AAA	1160	1180	1200
Gly Leu Leu Thr Gly Leu Leu Leu Asn Leu Lys Ile Trp Lys Ala Pro His Glu Ala Lys			
	390		400
TAT TTT GAT GAC CAA GTT TTC TGG AAG TTT CCT CAT TTG GCT GTT GGA TTT TAA (SEQ ID NO. 4)	1220	1240	1251
Tyr Phe Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly Phe ***			
	410		417

Figure 3

	10	20	30	40	50	
RHCE	AGCCACTTCA	ACGTTTTGAG	TCTCAGTGGC	CTCATCTGTA	AAGTGAGAAT	650
RHD	-----	-----	-----	-----	-G-----	
RHCE	TAAGAGATGG	TGCATGTAAA	GTGCTTAACG	GGGAGTAAAT	GGTAGGCAAA	700
RHD	-----	-----	-----	-----	-----	
RHCE	CATTAGCTGC	TGCTATTAGT	ACAGAGAGAC	AATGGTGTGT	GTGAGTCTTG	750
RHD	-----	-----	-A-----	G-----	-----	
RHCE	TGGGCAGAGA	TGGGTGAGAG	GGGAGACAAA	ACAAGTTCTC	ATGATGATGG	800
RHD	-----	-----	-----	-----	-----	
RHCE	GGGCAGGGGG	TCCAGCTGGT	GGTGTCCGAG	GGAAGTCTGG	ACAGACCAGT	850
RHD	---A---C	-----	-----	-----	-----	
		*****	*****	*****	*****	
RHCE	GGTGGGGCTC	GGGTGGGAGG	CACTGGGGGG	GCTGGAGTGG	AAAGAATGTG	900
RHD	-----	-----	-----	-----	-----	
	*****	*****	*****	*****	*****	
RHCE	GCCACAGATG	ACAGCTTCAC	AGCAGAATTC	AGTGCTAAGA	GGAAGTGAGT	950
RHD	-----	-----	-----	-----	-----	
	*****	*****	*****	*****	*****	
RHCE	GGCCATGAGT	TCCATGGTGA	CAGAAAGTCT	AAGACACCTA	GCAAGGCAGG	1000
RHD	-----	-----	-----	-----C-	-----	
	*****	*****	*****	*****	-----	
RHCE	AGTGGGTGTC	AGCTCAGGGA	AGCTCAGAGG	CTAAACCTAG	GTGAGAGCTG	1050
RHD	-----	-A-----	---C-----	---T-----	-----	
RHCE	AGGGTGTGAG	ATAAGAGCAA	GGCAAGGCTC	CGGTTCTGGA	GTAAGTGAAGG	1100
RHD	-----	-----	-----	-----	-C-----	
RHCE	ACATAGCAGA	GCTATAACCC	AGGAACAAGG	CCCAGCTTAT	TGGAAGTGGG	1150
RHD	-----	---G---	-----	-----	--A-----	
RHCE	ACCAGTCACA	CAGGGTGGCA	CAGGCACCAA	GTAAGCAATA	ATAATAATAA	1200
RHD	C-----	-----	-----	-----	-----	
RHCE	AAACAATAAC	AATGATTTAT	GTCTATTGGG	CATTTATTCA	TGTTCTATGC	1250
RHD	-----	-----G-	---C---	-----	-----	
RHCE	CAGACACTGG	ACTAAGAGCT	TTATATGTGG	AAACTCATT	AATCCTTACA	1300
RHD	-----	G-----	-----	-----	-----	

(SEQ ID NO: 42)

(SEQ ID NO: 43)

